

Replacement Sheet 1 of 29

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FIG. 1

```
1      tgagggcgcc atgaggagcc tgtgtgcgc cccactctg ctctctctgc tgctgccgcc
61     gctgtgctc acgccccgcg ctggggacgc cgccgtgac accggggcctt gtgacaagga
121    ctccaatgt ggtggaggca tgtgtgtgc tgcagtatc tgggtcaaga gcataaggat
181    ttgcacacct atgggcaaac tgggagacag ctgccatcca ctgactcgta aaaacaattt
241    tggaaatgga aggcaggaaa gaagaaagag gaagagaagc aaaaggaaaa aggaggttcc
301    attttttgg cgaggatgc atcacacttg cccatgtctg ccaggcttgg cctgtttacg
361    gacttcattt aaccgattta tttgttttag ccaaaagtaa tcgctctgga gtagaaacca
421    aatgtga
```

**FIG. 2**

MRS LCCAP L L L L L P P L L L T P R A G D A A V I T G A C D K D S Q C G G M C C A V S I W V K S I R I C T  
P M G K L G D S C H P L T R K N N F G N G R Q E R R K R R S K R K E V P F F G R R M H H T C P C L P G L A C L R T  
S F N R F I C L A Q K

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FIG. 3

```
1      tgagggcgcc atgaggagacc tgtgtgcgc ccaactcctg ctctcttgc tctgcccgc
61     gagggcgcca tgaggagcct gtgctgcgc ccaactcctg tctcttgc tctgcccgc
121    ctgctgctca cgcgcgcgc tggggacgc gccgtgatca cgggggcttg tgacaaggac
181    tcccaatgtg gtggaggcat gtgctgtgct gtcagtatct gggccaagag cataaggatt
241    tgcacaccta tgggcaaaact ggagagacag tgccatccac tgactcgtaa agttccattt
301    tttgggcgga ggatgcata cacttgccca tgtctgccag gcttgccctg tttacggact
361    tcattttaacc gatttatttg tttagcccaa aagtaatgcg tctggagtag aaaccaaagt
421    tga
```

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**FIG. 4**

MRLCCAPLLLLLLPPLLLTPRAGDAAVITGACDKDSQCGGGMCCAVSIWVKSIRICT  
PMGKLGDSCHPLTRKVPPFFGRRMHHTCPCLPGLACLRTSFNRFICLAQK

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FIG. 5

```
1      cggacgcgtg ggcgtccctt aaccgccacc gcgtccccgg gacgccatgg gggaccgcg
61     ctgtgcccc ctactgctac ttctgtgct accgtgctg ttcacaccgc ccgcccggga
121    tgccgcggtc atcacccggg cttagcaca ggactctcag tgcggaggag gcatgtgctg
181    tgctgtcagt atctgggtta agagcataag gatctgcaca cctatgggcc aagtgggcga
241    cagctgccac cccctgactc ggaagttcc atttggggg cggaggatgc accacacctg
301    cccctgcctg ccaggcttgg cgtgtttaag gacttcttcc aaccggttta tttgcttggc
361    ccggaaatga tcactctgaa gtaggaactt gaaatgcgac cctccgctgc acaatgtccg
421    tcgagtctca cttgtaattg tggcaaacaa agaatactcc agaaagaaat gttctcccc
481    ttccctgact ttccaagtaa cgtttctatc tttagatttt gaagtggcct ttttttttt
541    ttttttttcc ttcccttgaa ggaagtttt gatttttgga gagatttata gaggactttc
601    tgacatggct tctcatttcc ctgtttatgt ttgacctga catttttgaa tgccaataac
661    aactgttttc acaaatagga gaataagagg gaacaatctg ttgcagaaac ttccctttgc
721    cctttgcccc actcgccccg ccccgccccg ccccgccccg cccatgcgca gacagacaca
781    cccttactct tcaagactc tgatgatcct cacttactg tagcattgtg ggtttctaca
841    ctccccgcct ttgctggtgg accactgag gaggctcaga gagctagcac tgtacaggtt
901    tgaaccagat cccccaagca gctcatttgg ggcagacgtt gggagcgctc caggaaactt
961    cctgcaccca tctggcccc tggctttcag ttctgctgtt taactgggtg gaggacaaaa
1021   ttaacgggac cctgaaggaa cctggcccggt ttatctagat ttgtttaagt aaaagacatt
1081   ttctccttgt tgtggaatat tacatgtctt ttctttttt atctgaagct tttttttttt
1141   ttctttaagt cttcttgttg gagacatttt aaagaacgcc actcgaggaa gcattgattt
1201   tcatytgga tgacaggagt catcatttta aaaaatcggt gttaagttat aatttaaact
1261   ttatttgtaa cccaaaggty taatgtaaat ggatttcctg atatcctgcc attgtactg
1321   gtatcaatat ttttatgt
```

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**FIG. 6**

MGDPRCAPLLLLLLPLLLFTPPAGDAAVITGACDKDSQCGGGMCCAVSIWVKSIRICTP  
MGQVGDSCHPLTRKVPFWGRRMHHTCPCLPGLACLRTSFNRFICLARK

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**Fig. 7**

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FIG. 8

```
1   tggcctcccc agcttgccag gcacaaaggct gagcgggagg aagcgagagg catctaaagca ggcagtgttt
71  tgccttcacc ccaagtgacc atgagagggtg ccacgcgagt ctcaatcatg ctccctcctag taactgtgtc
141 tgactgtgct gtgatcacag gggcctgtga gcgggatgtc cagtgtgggg caggcacctg ctgtgccatc
211 agcctgtggc ttcgagggtt gcggatgtgc acccgcgtgg ggcgggaagg cgaggagtgc caccocggca
281 gccacaaagg ccccttcttc aggaacacga agcaccacac ctgtccttgc ttgccccaaacc tgctgtgtc
351 cagggtcccg gacggcaggt accgctgctc catggacttg aagaacatca atttttaggc gcttgccctgg
421 tctcaggata ccaccatcc ttttccctgag cacagcctgg atttttattt ctgccatgaa acccagctcc
491 catgactctc ccagtcocct cactgactac cctgatctct cttgtctagt acgcacatat gcacacaggc
561 agacatacct cccatcatga catgggtccc aggctggcct gaggatgtca cagcttgagg ctgtggtgtg
631 aaagggtggc agcctggttc tcttccctgc tcaggctgcc agagagggtgg taaatggcag aaaggacatt
701 cccctcccc tccccagggt acctgctctc tttcctgggc cctgcccctc tccccacatg tatccctcgg
771 tctgaattag acattcctgg gcacaggctc ttgggtgcat tgctcagagt cccaggctct ggcctgaccc
841 tcaggccctt cacgtgaggt ctgtgaggac caatttgtgg gtagttcatc ttccctcgat tggttaactc
911 cttagtttca gaccacagac tcaagattgg ctcttcccag agggcagcag acagtacccc caaggcaggt
981 gtagggagcc cagggaggcc aatcagcccc ctgaagactc tgggtcccagt cagcctgtgg cttgtggcct
1051 gtgacctgtg accttctgcc agaattgtca tgccctctgag gccccctctt accacacttt accagttaac
1121 cactgaagcc cccaattccc acagcttttc cattaataatg caaatgggtgg tggttcaatc taatctgata
1191 ttgacatat attagaaggcaat tagggtgttt ccttaaacaa ctcctttcca aggatcagcc ctgagagcag
1261 gttggtgact ttgaggaggg cagtcctctg tccagattgg ggtgggagca agggacaggg agcagggcag
1331 gggctgaaag gggcactgat tcagaccagg gaggcaacta cacaccaaca tgctggcctt agaataaaa
1401 caccaactga aaaaa
```



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10  
Met Arg Gly Ala Thr Arg Val Ser Ile Met Leu Leu Val Thr Val Ser  
20  
Asp Cys Ala Val Ile Thr Gly Ala Cys Glu Arg Asp Val Gln Cys Gly Ala  
40  
Gly Thr Cys Cys Ala Ile Ser Leu Trp Leu Arg Gly Leu Arg Met Cys Thr  
60  
Pro Leu Gly Arg Glu Gly Glu Cys His Pro Gly Ser His Lys Val Pro  
70  
Phe Phe Arg Lys Arg Lys His Thr Cys Pro Cys Leu Pro Asn Leu Leu  
90  
Cys Ser Arg Phe Pro Asp Gly Arg Tyr Arg Cys Ser Met Asp Leu Lys Asn  
105  
Ile Asn Phe

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```
1   GAA GTG AGG GGT ACC AAA GTA GAC TGT GTT TGT CGT CAC CTC AAG TGA TC

51  ATG AGA GGC GCT GTG CAT ATC TTC ATC ATG CTC CTT CTA GCA ACG GCG TCC
    M R G A V H I F I M L L A T A S

102 GAC TGT GCG GTC ATC ACA GGG GCC TGT GAA CGA GAT ATC CAG TGT GGG GCC
    D C A V I T G A C E R D I Q C G A

153 GGC ACC TGC TGC GCT ATC AGT CTG TGG CTG CGG GGC CTG CGG TTG TGT ACC
    G T C C A I S L W L R G L R L C T

204 CCA CTG GGG CGT GAA GGA GAG TGC CAC CCA GGA AGC CAC AAG ATC CCC
    P L G R E G E C H P G S H K I P

255 TTC TTG AGG AAA CGC CAA CAC CAT ACC TGT CCC TGC TCA CCC AGC CTG CTG
    F L R K R Q H H T C P C S P S L L

306 TGC TCC AGG TTC CCG GAC GGC AGG TAC CGC TGC TTC CGG GAC TTG AAG AAT
    C S R F P D G R Y R C F R D L K N

357 GCC AAC TTT TAGTTTGTCTGGACTCTGTCTGGAGCCTGACTGGGTGACCTCTTGCTTTACACCT
    A N F *

GTGTGATTTAGCTCCCTGCAACTTCGCCATTCCTCCATCTTGTCCGTGTATGTGCAGACAGGCAGACC
TTCCGCTATGGAATAGTTCACCAAGGTGCAGAGAGGAGTTCTGTGGCCTTGAGAAAGTTGGCCAGCCCCG
ACCTTCCTGGCTCAGACTGCCCTGAAGTTGTGACAGTGTGGCCCTTCTCAGTTGCCTGCCCCCTTCCTG
CATGTGCGCTTCTTCCCTAAACCAACACCTTTCTGGGCACCTGGCCCATGGATGCACCACTAAATCAACA
GGTCTGTGGGTGGATGATCAACTTCTCTCCATTTTCTTTTATTGACTGGCTTCCTAATTTAAGG
ACTGT
```

FIG. 10

FIG. 11

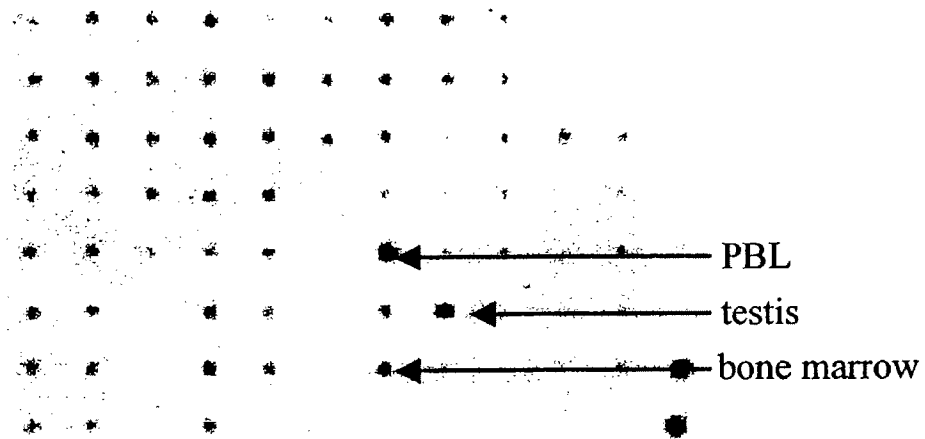
	10	20	30	40	50
<b>human EG-VEGF</b>	MRGATRVSIM	LLLVTVSDCA	VITGACERDV	QCGAGTCCAI	SLWLRGLRMC
<b>murine EG-VEGF</b>	MRGAVHIFIM	LLLATASDCA	VITGACERDI	QCGAGTCCAI	SLWLRGLRLC
	60	70	80	90	100
<b>human EG-VEGF</b>	TPLGREGEEC	HPGSHKVPFF	RKRKHHHTCPC	LPNLLCSRFP	DGRYRCSMDL KNINF
<b>murine EG-VEGF</b>	TPLGREGEEC	HPGSHKIPFL	RKRQHHHTCPC	SPSLLCSRFP	DGRYRCFRDL KNANF

**FIG. 12**

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<b>Human BV8</b>	28	AVITGACDKDSQC	GGGMC	CAVSIWVKSIRICTPMGKLGDSCHPLTRKVPF
	20			
<b>Human EG-VEGF</b>		AVITGACERDVQC	GAGTCCAISLWLRGLRMCTPLGREGECHPGSHKVPF	
	78			108
<b>Human Bv8</b>		FGRRMHHTCPCLPGLACLR	TSFNRFC	LAQK
	70			105
<b>Human EG-VEGF</b>		FRKRKHHTCPCLPNLLCSRF	PDGRYRCSMDLKNINF	

FIG. 13



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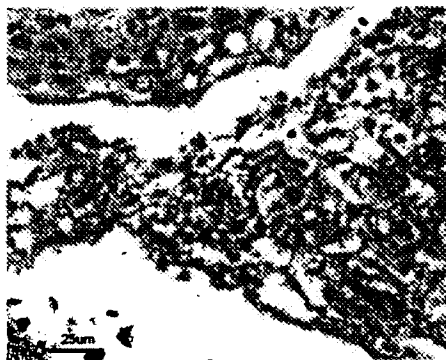
Inventor: Ferrara et al.

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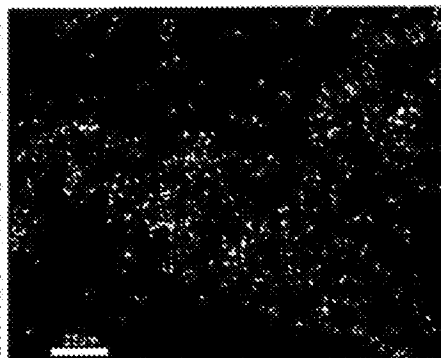
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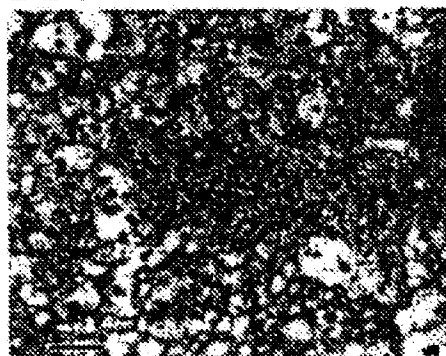
**FIG. 14A**



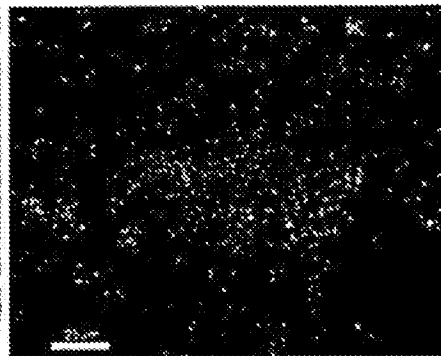
**FIG. 14B**



**FIG. 14C**



**FIG. 14D**



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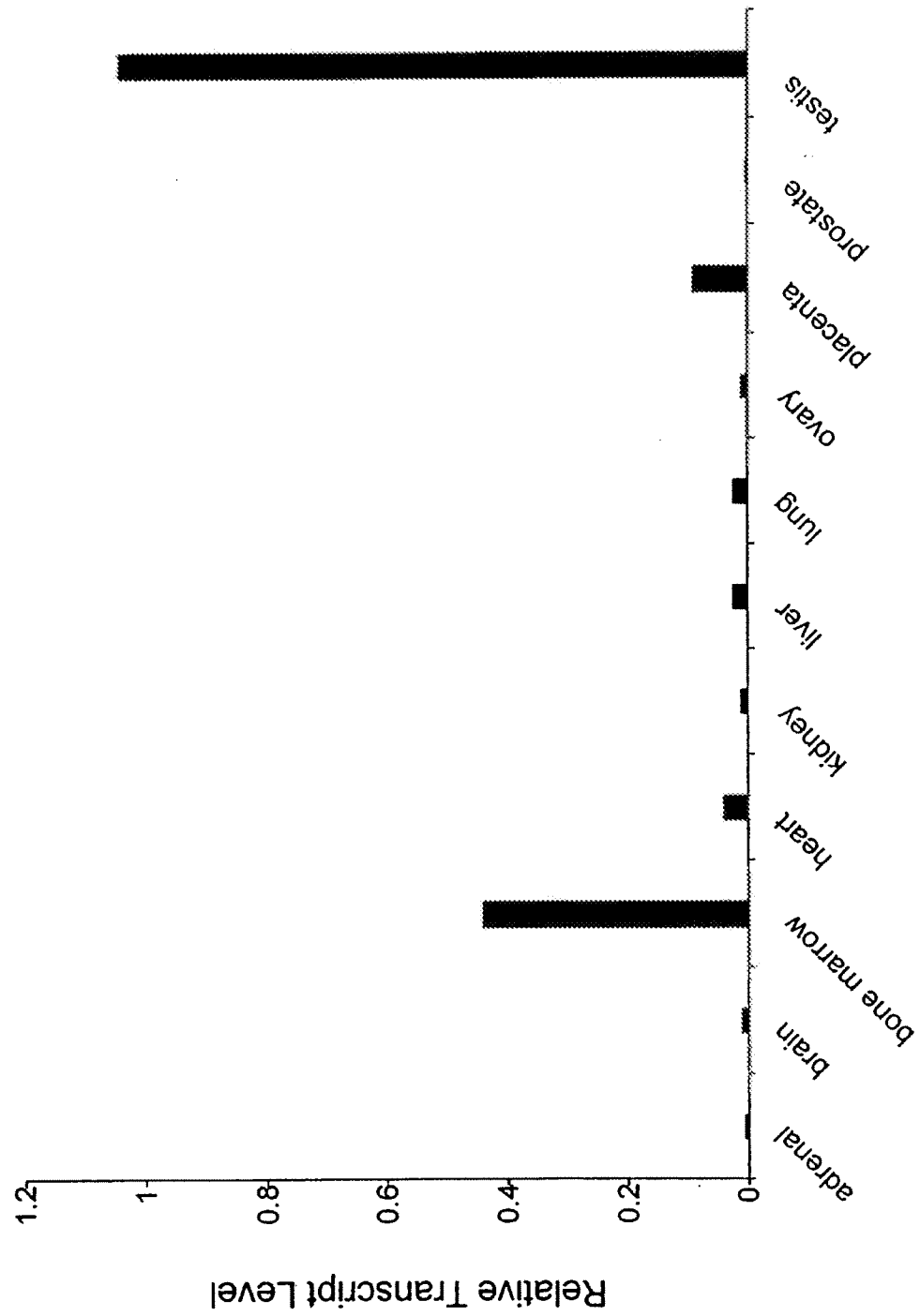


FIG. 15A

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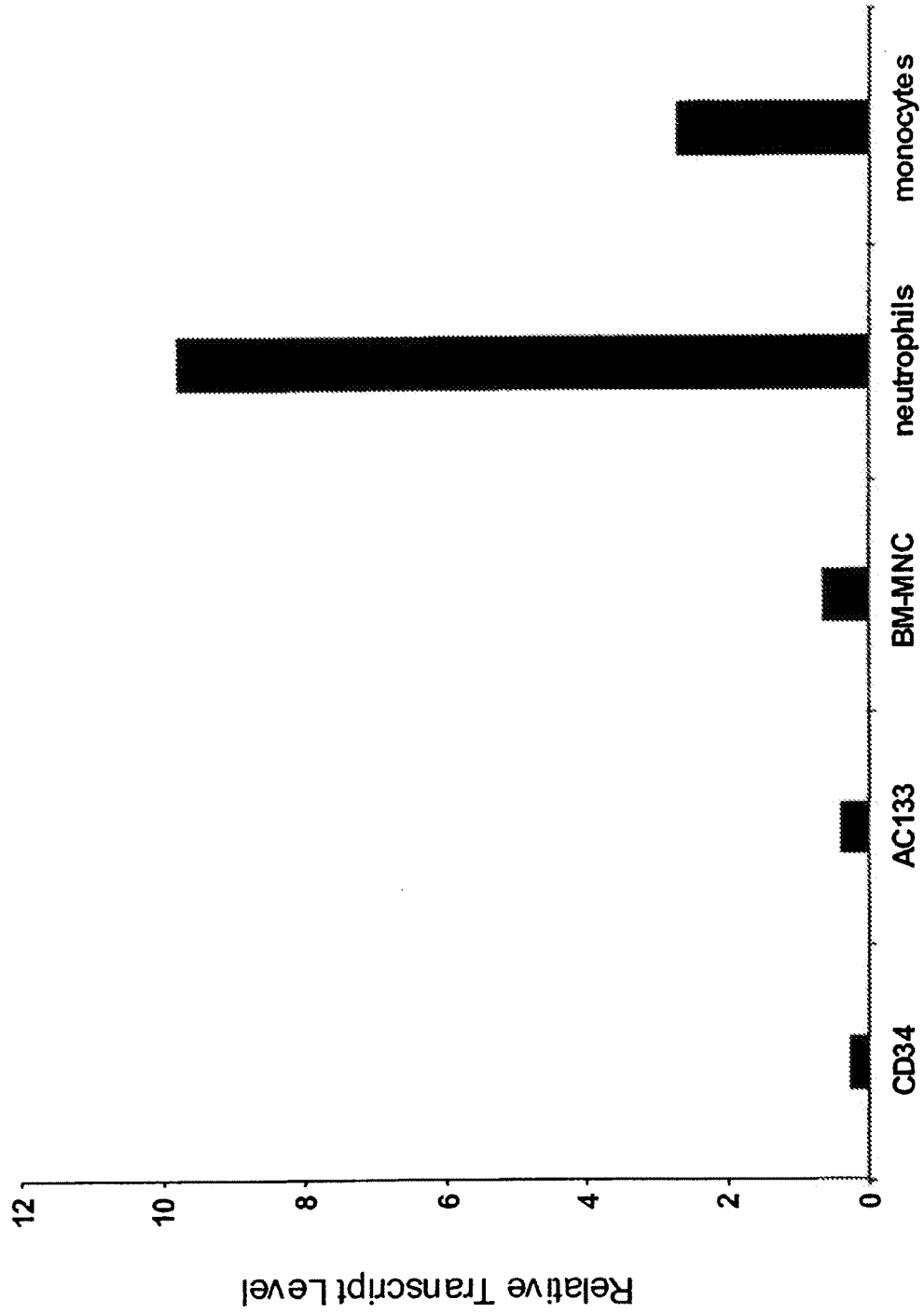
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**FIG. 15B**





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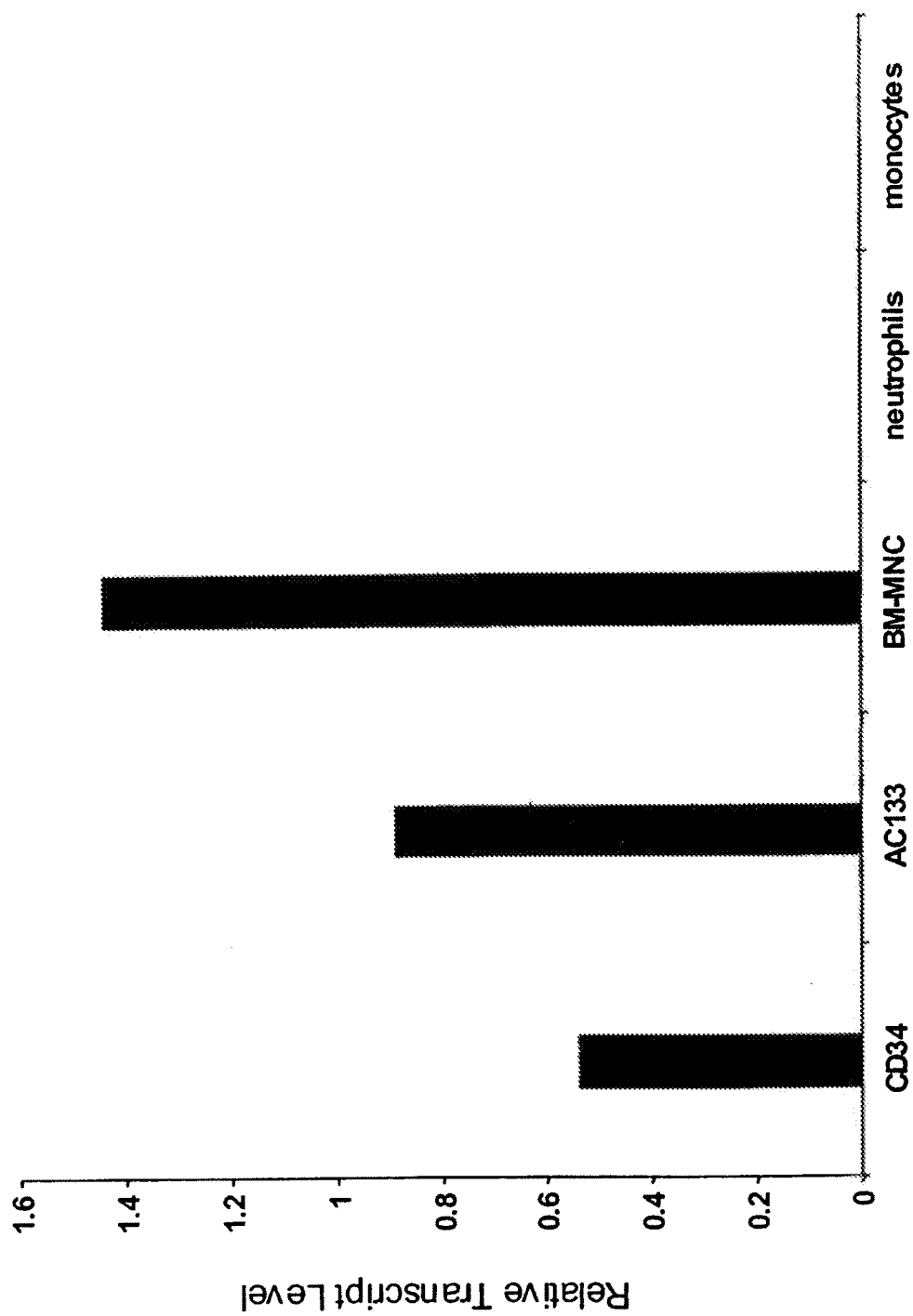
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**FIG. 15C**



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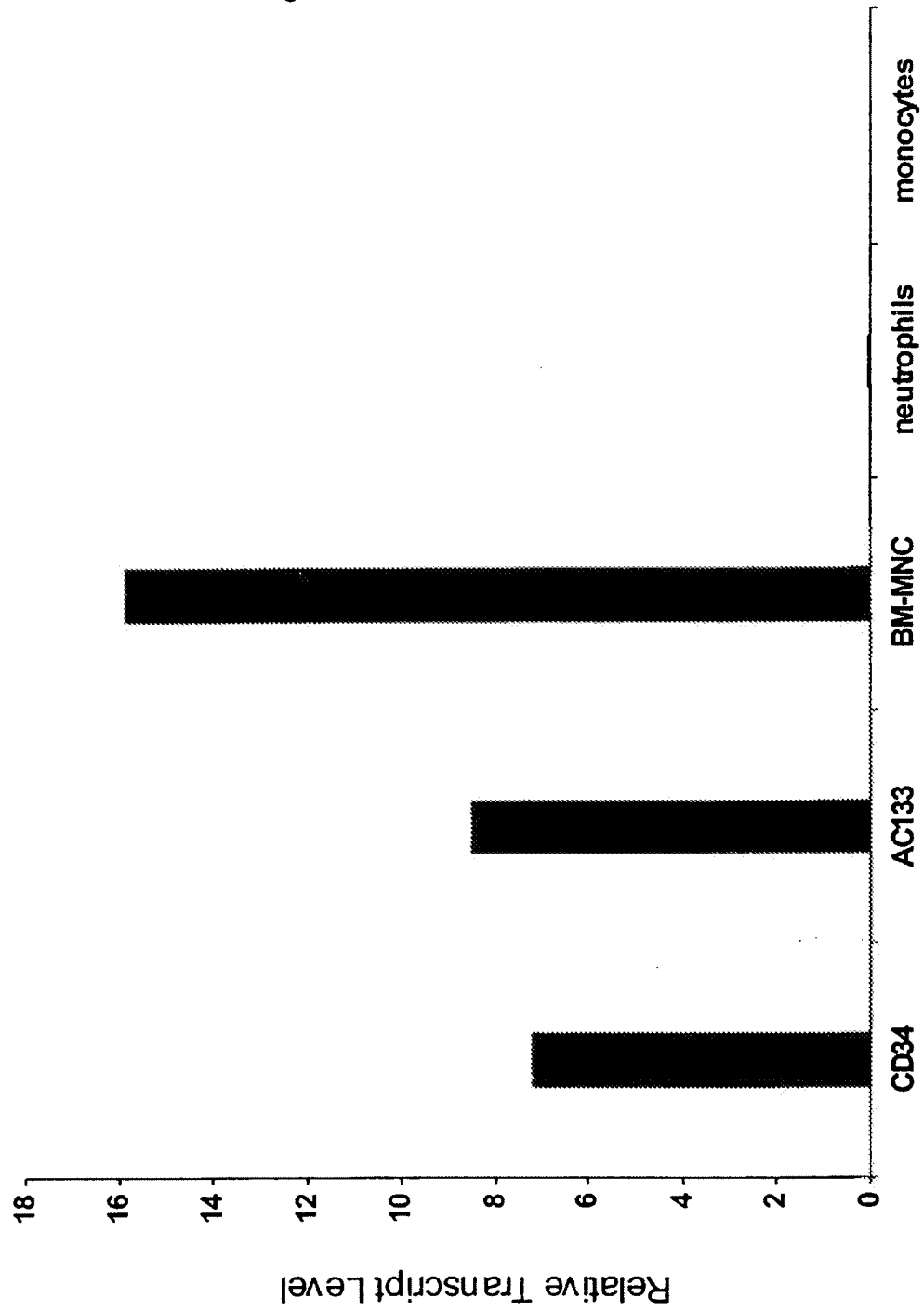
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**FIG. 15D**



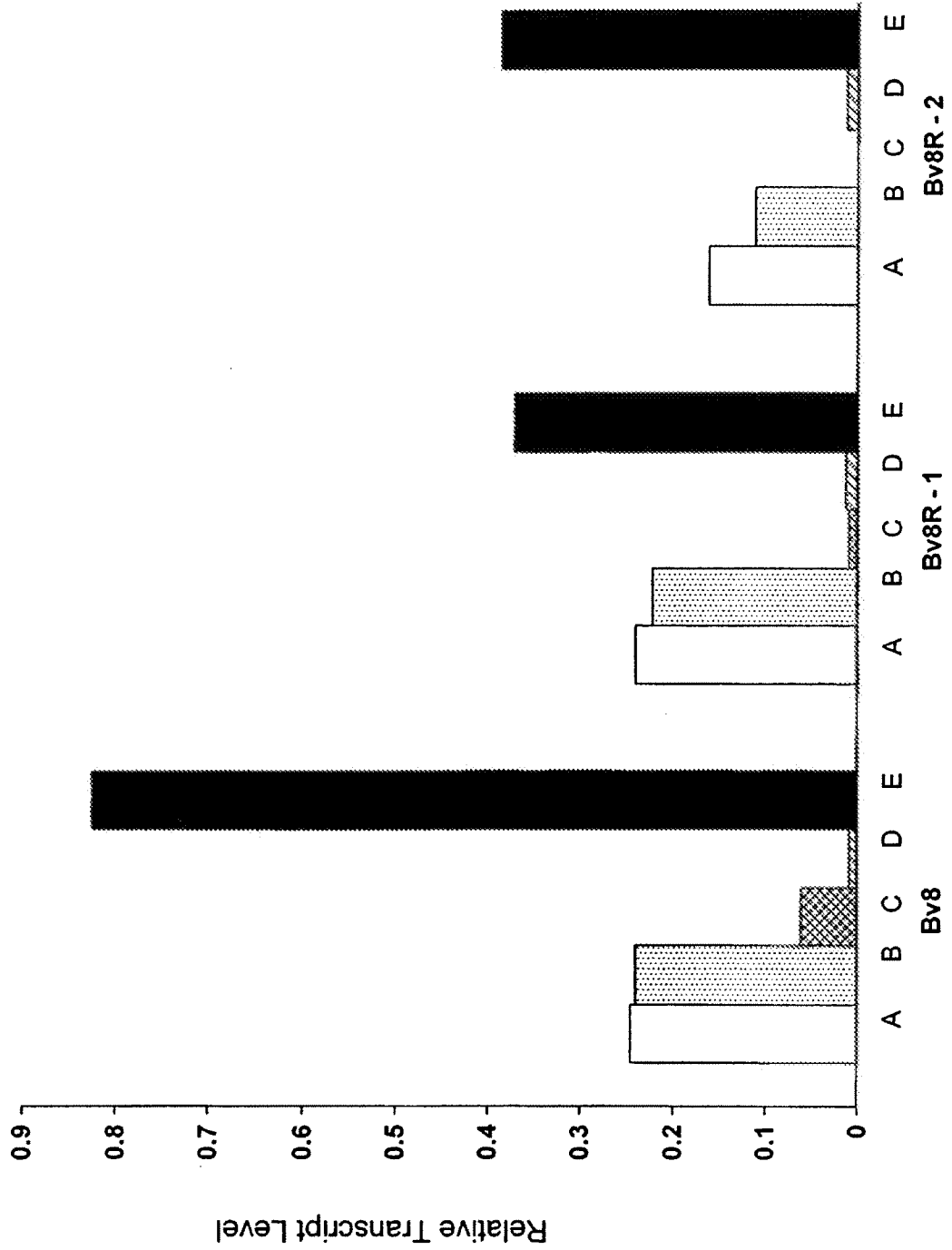
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**FIG. 16**

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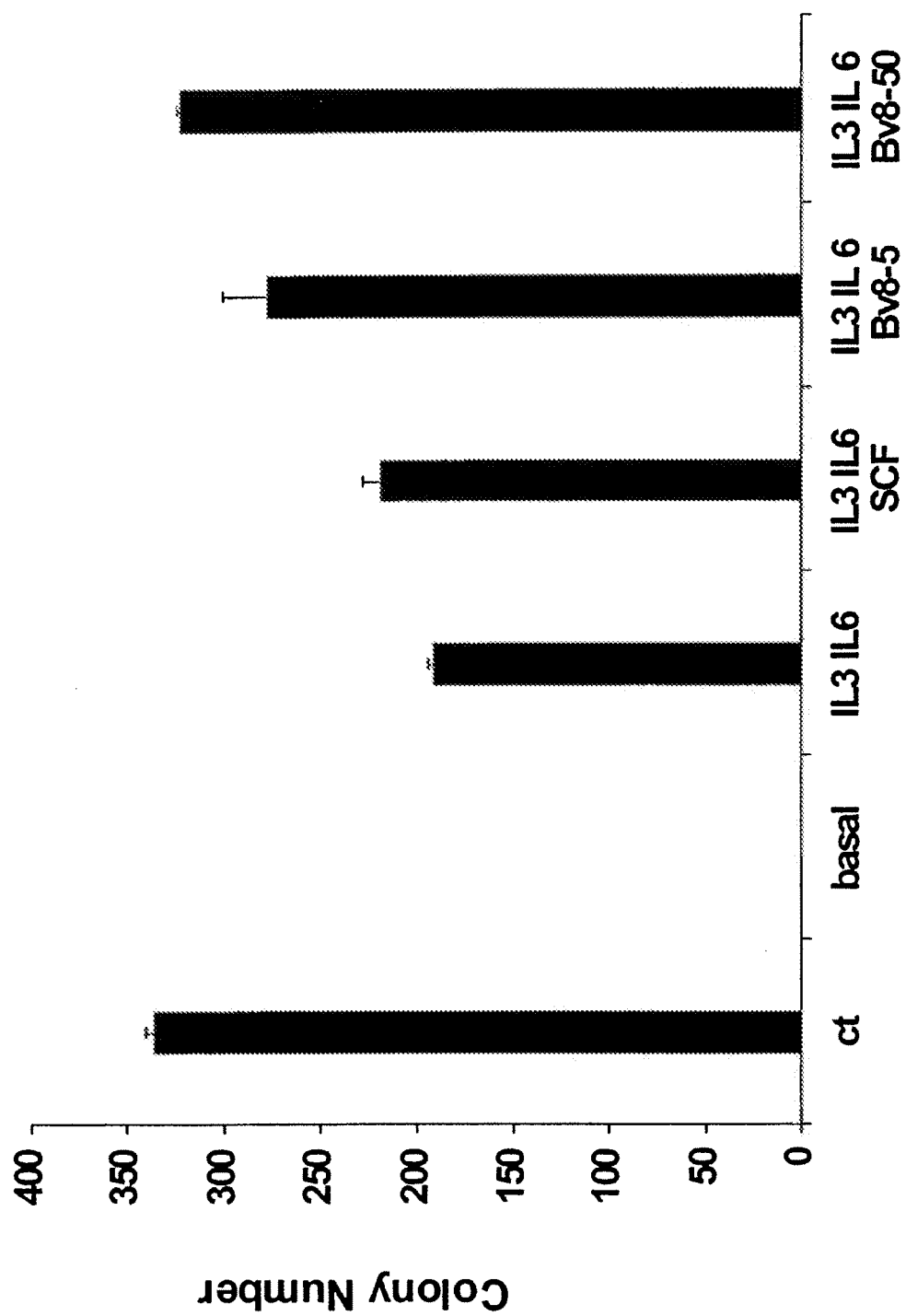


FIG. 17A

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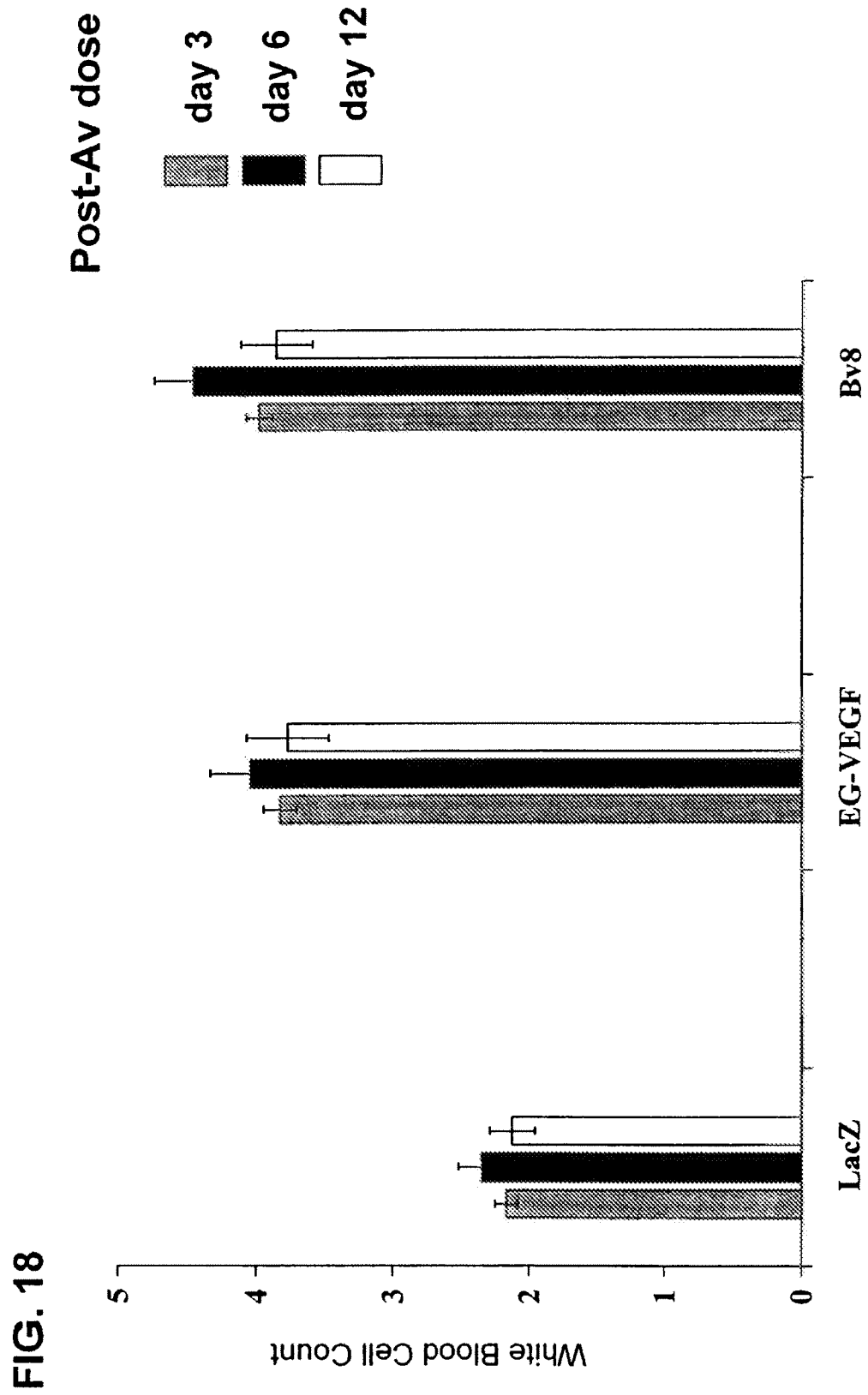
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FIG. 17B





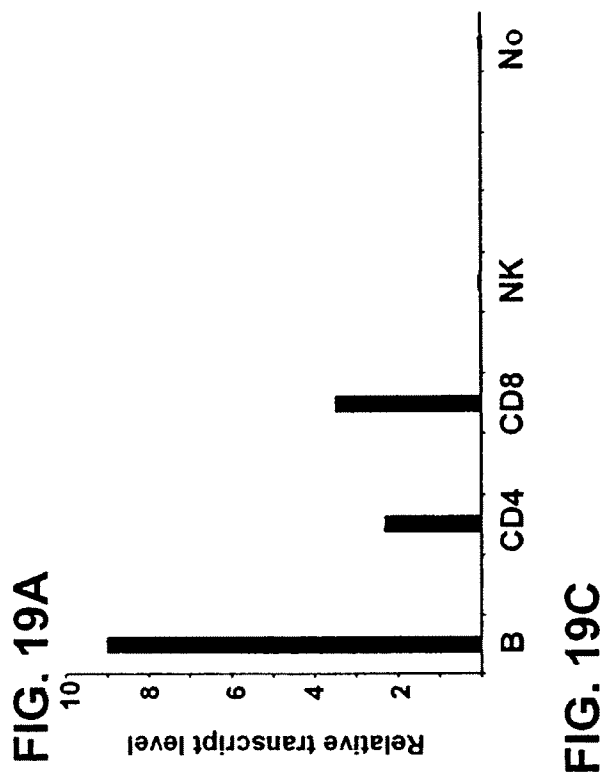
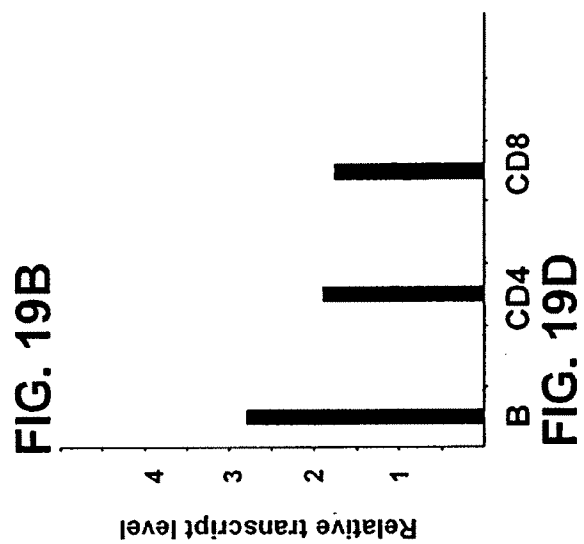
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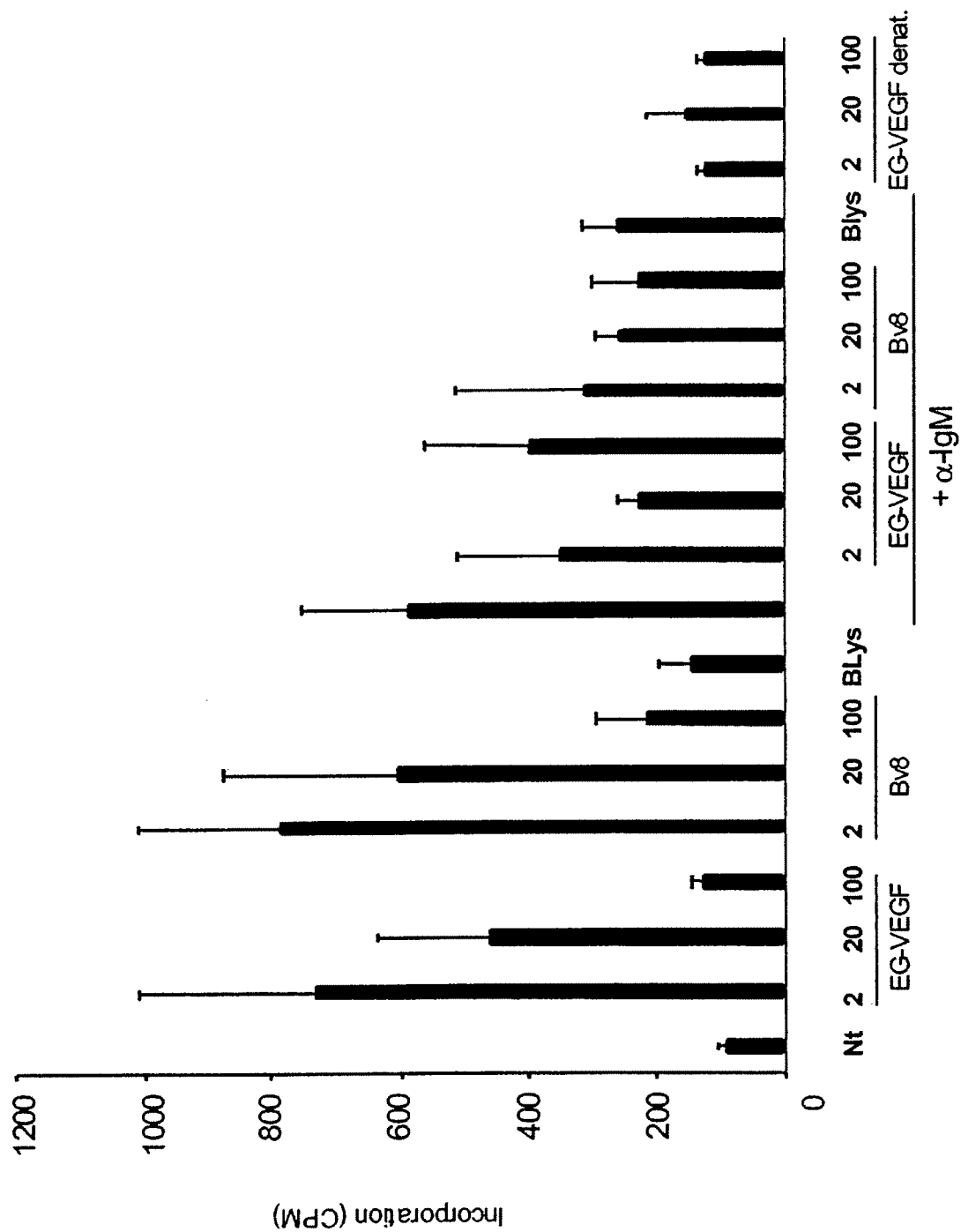
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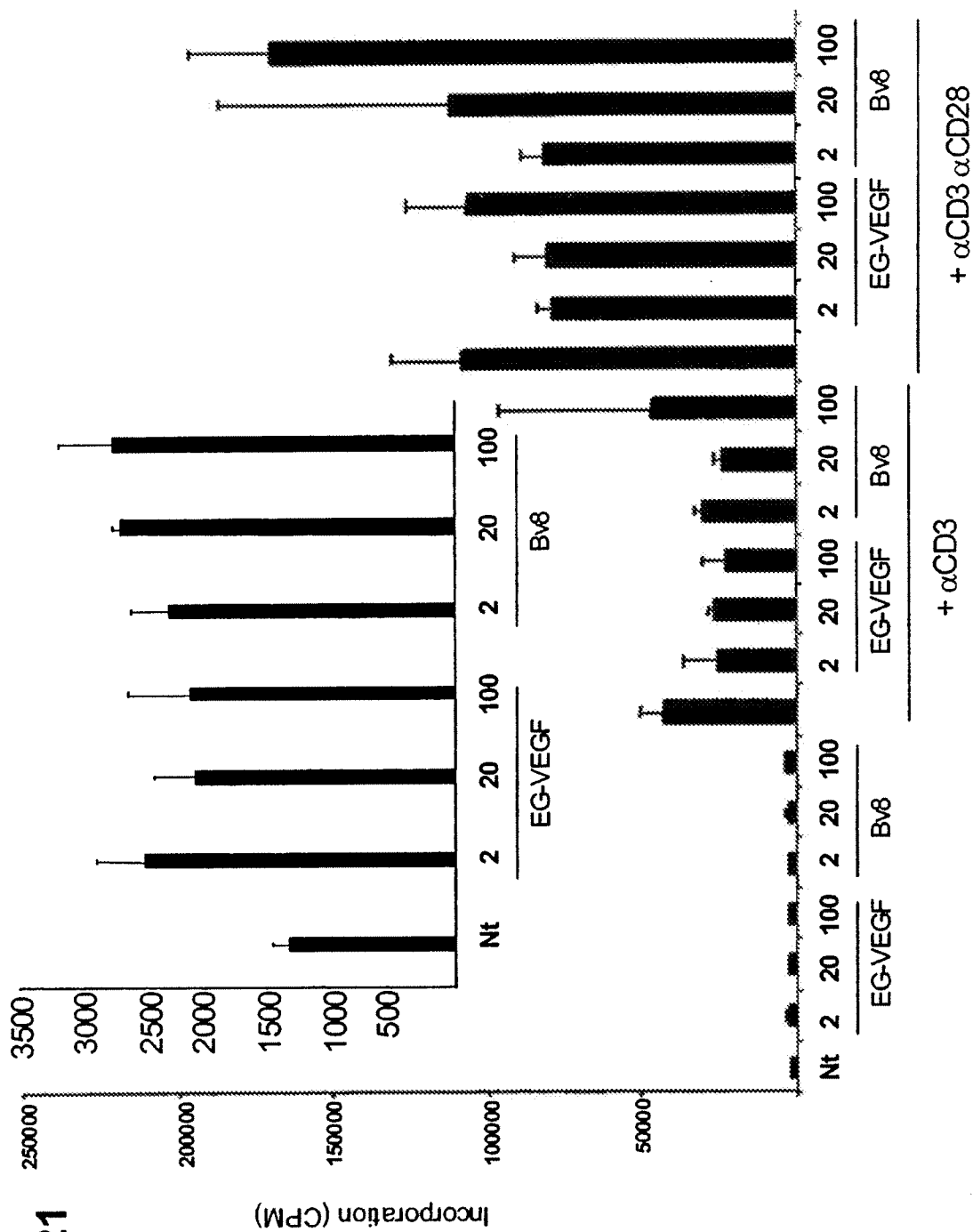
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**FIG. 21**



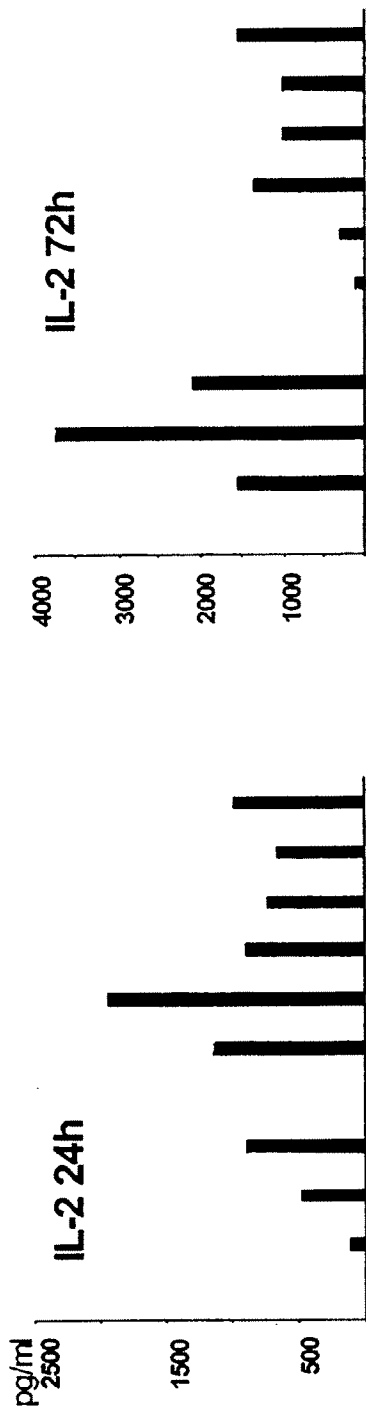


FIG. 22A

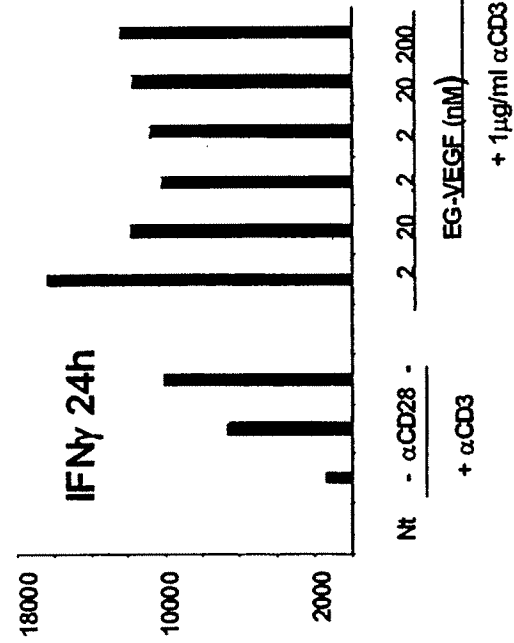


FIG. 22C

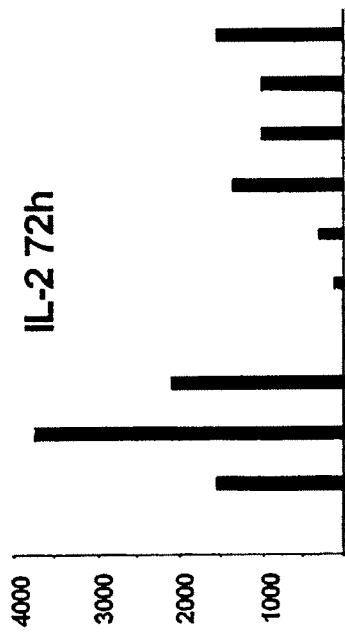


FIG. 22B

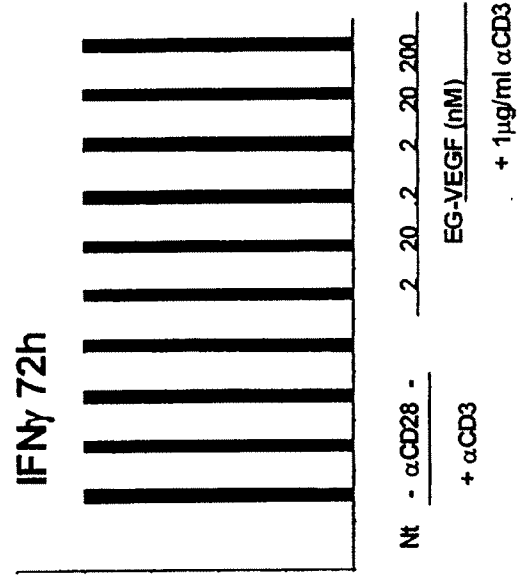


FIG. 22D

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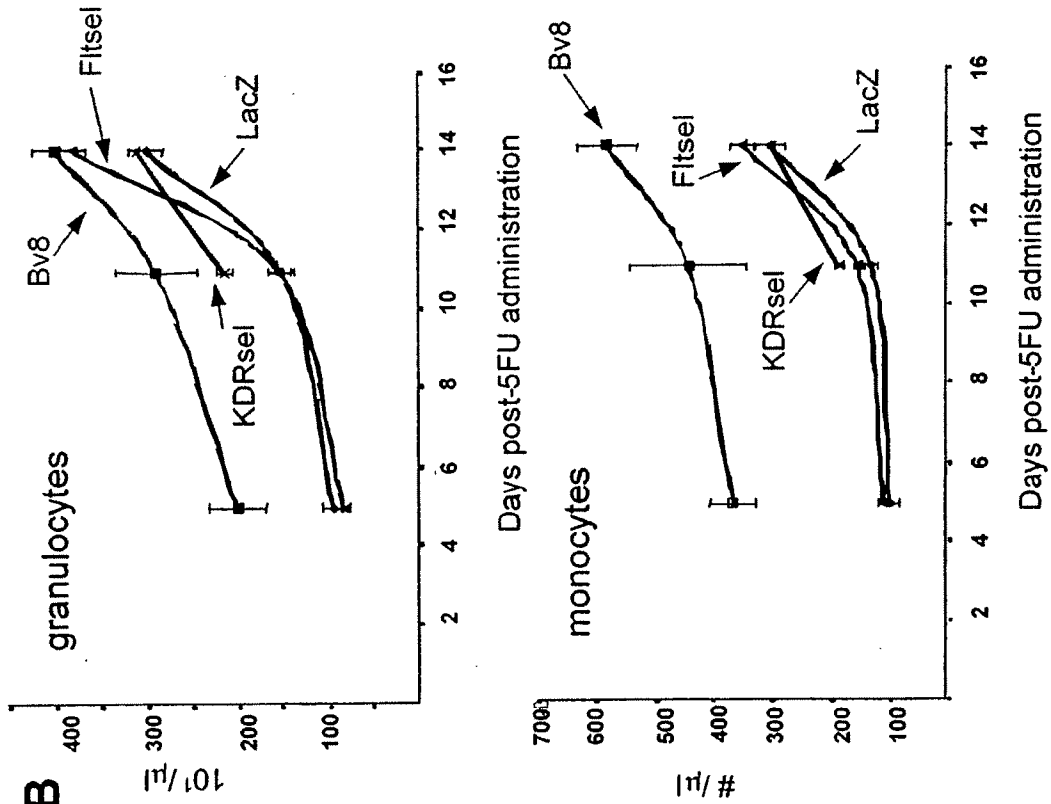


FIG. 23C

FIG. 23B

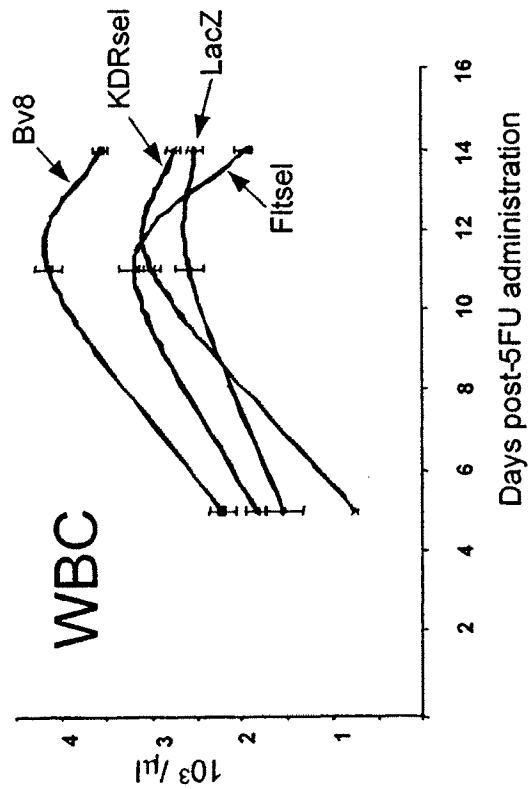


FIG. 23A

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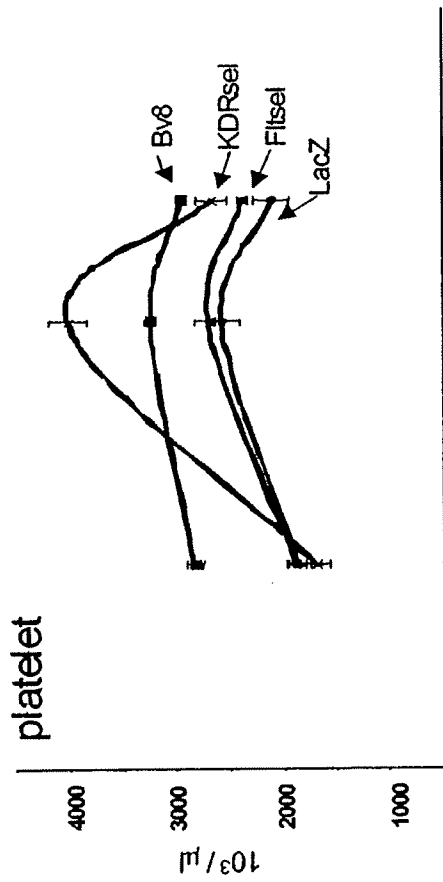


FIG. 23D

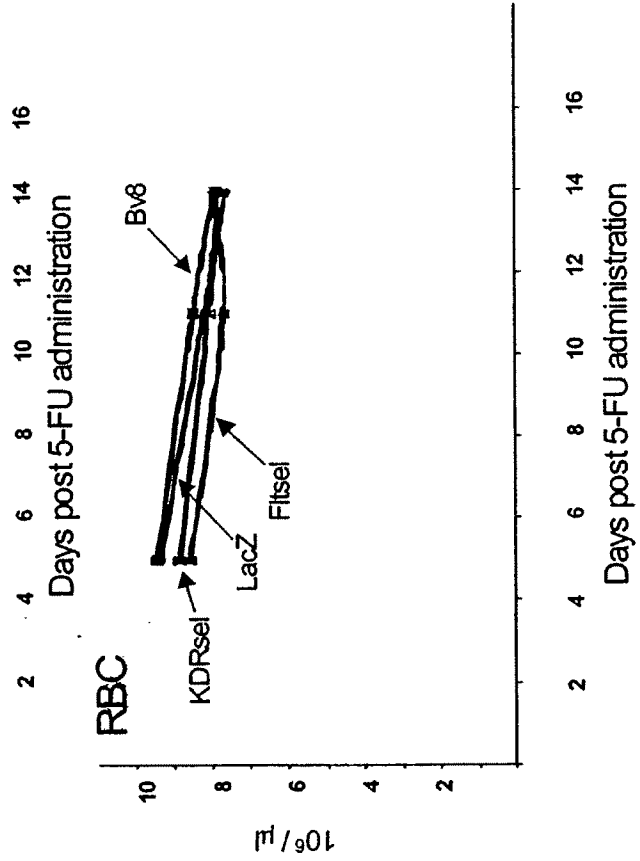


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FIG. 24

